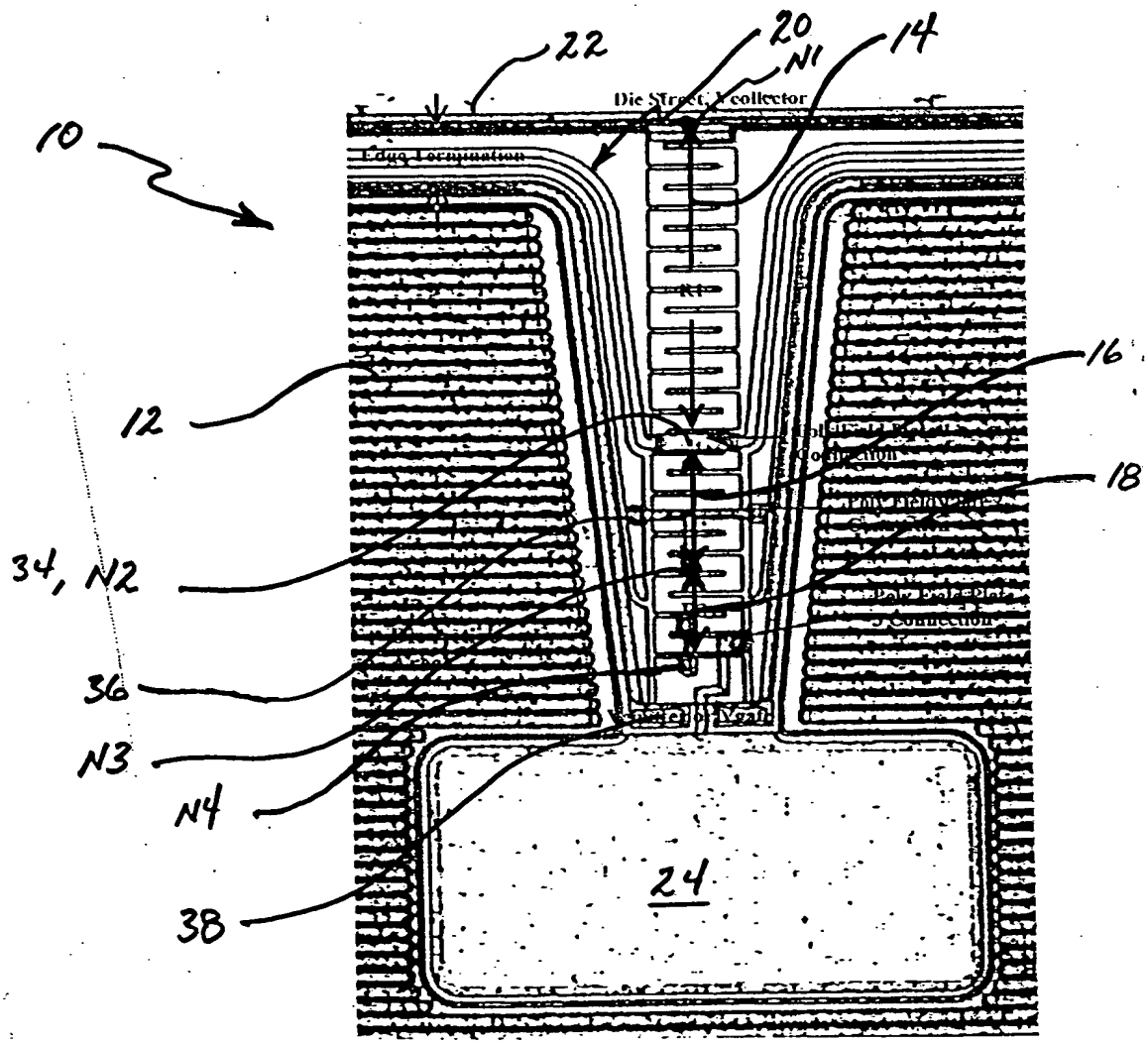

FIG. 1

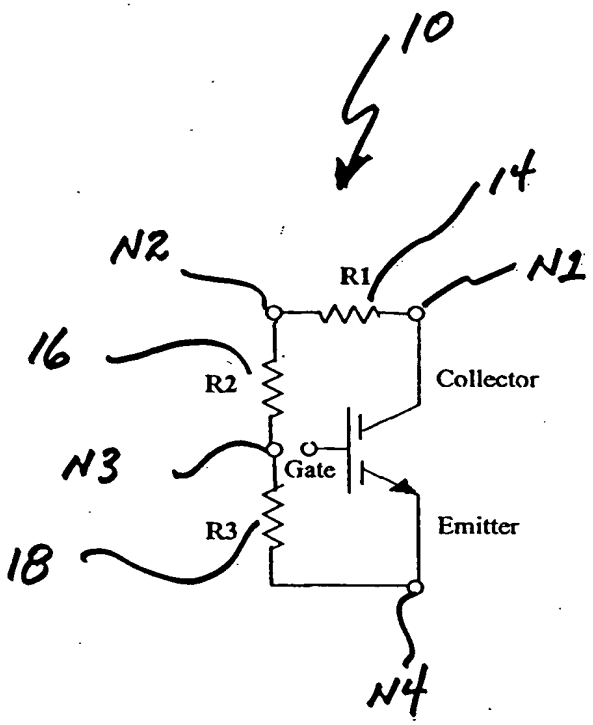

FIG. 2

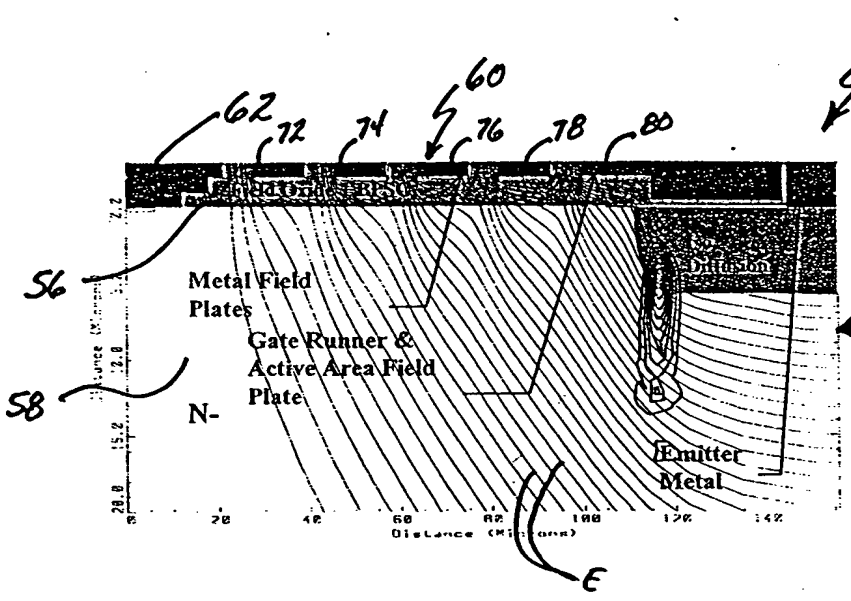

FIG. 3A
PRIOR ART

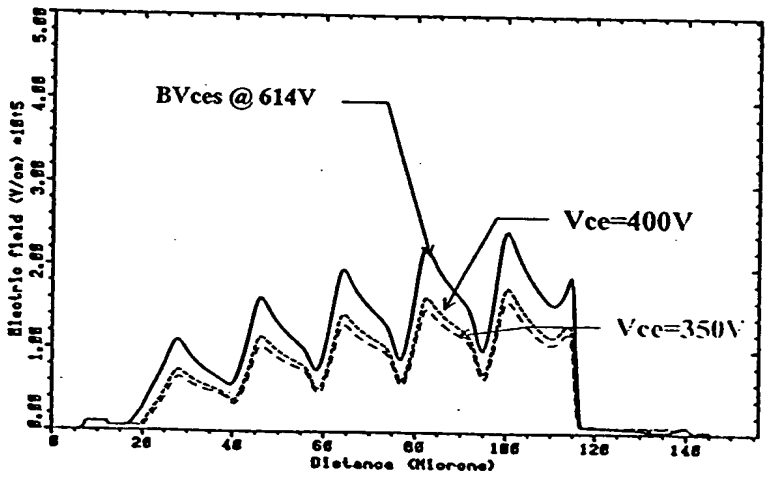

FIG. 3B
PRIOR ART

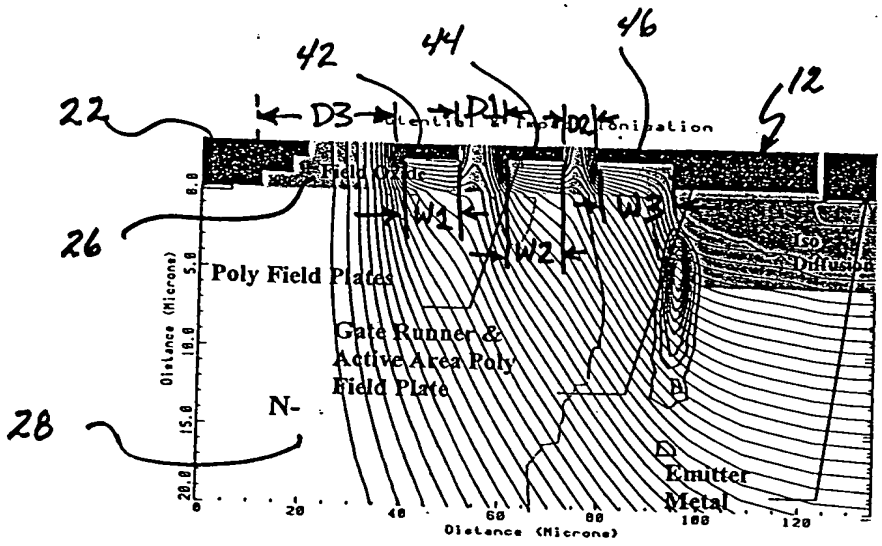
42
44
46
12
22
D3
D1
D2
Field Oxide
26
W1
W2
W3
Poly Field Plates
Gate Runner &
Active Area Poly
Field Plate
28
N-
B
Emitter
Metal
Distance (Microns)
Distance (Microns)
0
20
40
60
80
100
120
6.0
5.0
10.0
15.0
20.0

FIG. 4A.

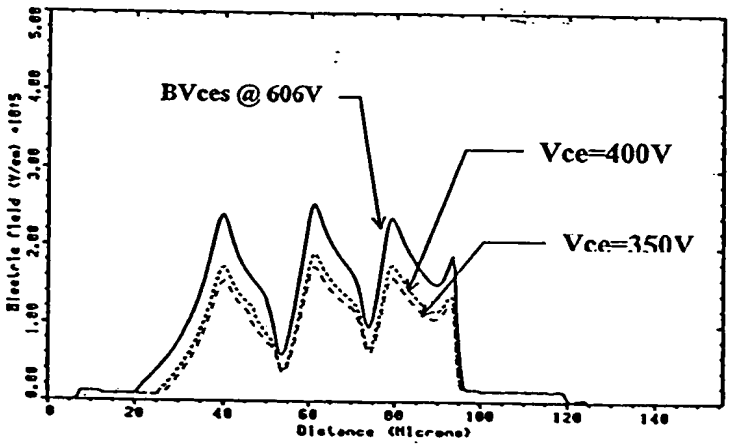

FIG. 4B